

METHOD AND SYSTEM FOR IMPLEMENTING A VIDEO AND GRAPHICS
INTERFACE SIGNALING PROTOCOL

ABSTRACT OF THE INVENTION

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A method and system for interfacing video and graphics data. Specifically, the present invention discloses a method and system for displaying video and graphics data of different formats and image frequencies onto the same display line. A master device that is continually streaming data of a first media type to a display at a certain image rate requests data from a source device one line at a time. The incoming line of data is sent to a FIFO buffer. A mixer associated with the master device then aligns the incoming data to the same format and image rate used for displaying the first media type. The incoming data is then displayed simultaneously on the same line with the data of the first media type. As viewed as an image, windows of video and/or graphics data are shown on a display.

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